

November 2017

The averaging period used for the following assessment was 1981-2010.

November started with a ridge of high pressure in the south which brought relatively quiet weather, but most of the month had a mobile westerly type interspersed with short-lived northerlies. It was briefly mild for most on the 20th-22nd, when it turned very wet in parts of Wales and north-west England. The last week was generally cold, with widespread overnight frosts, though no outstandingly low temperatures. Snow showers were mostly restricted to high ground, but penetrated widely to low ground in eastern areas on the 30th.

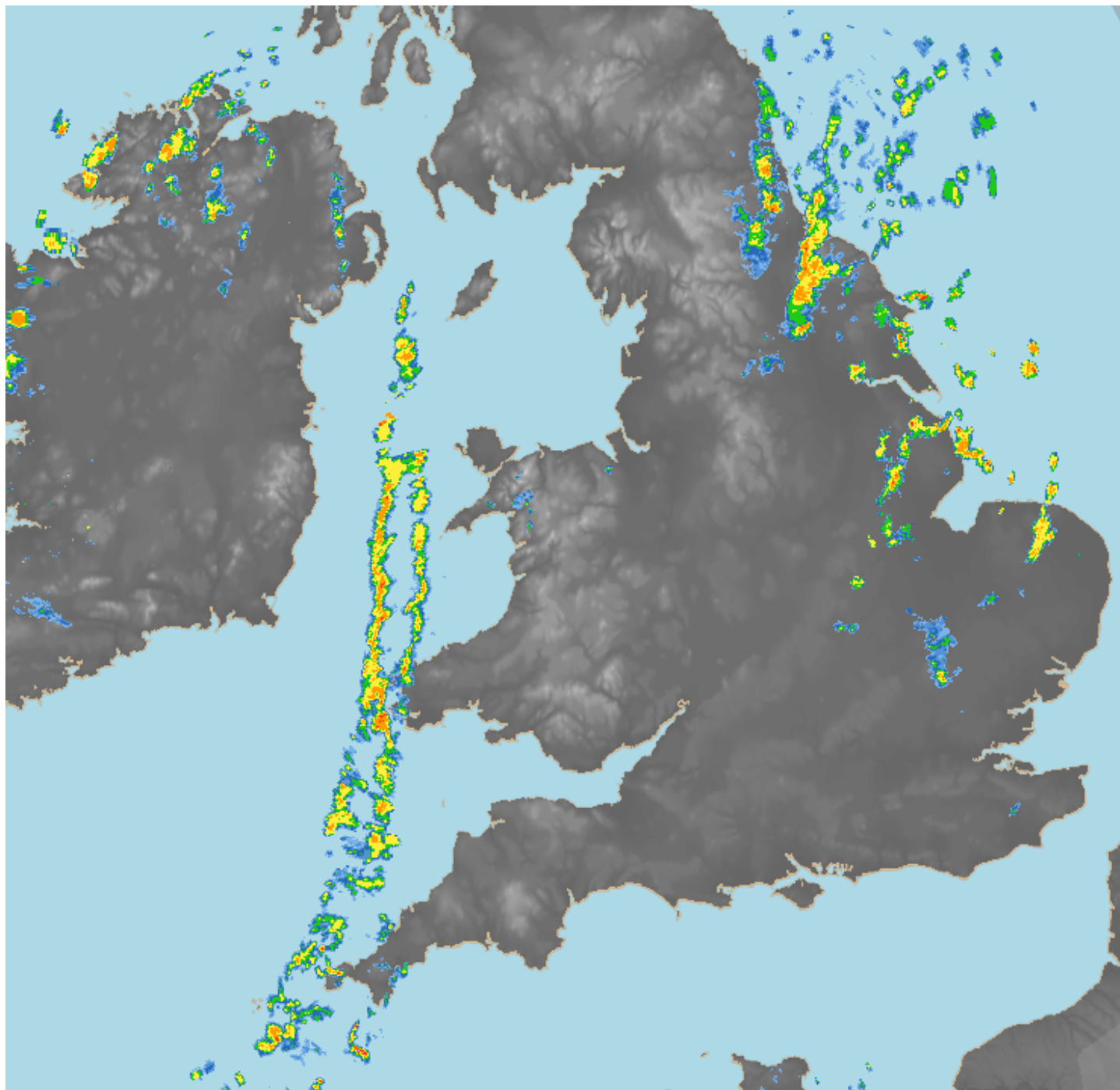
The UK mean temperature was 5.8 °C, which is 0.4 °C below the 1981-2010 long-term average. Mean maximum temperatures were slightly above average in many parts of England, but were about 1 °C below average over much of Scotland, while mean minimum temperatures were generally 0.5 to 1 °C below average. Rainfall was 89% of average overall, and it was generally drier than normal in the southern half of England and in central and southern Scotland and south-east Wales, but wet in northern Scotland and north-west Lancashire. Sunshine was generally above normal except in west Wales, the west of Northern Ireland and parts of northern Scotland, and the UK as a whole had 124% of average sunshine.

The UK monthly extremes were as follows: A maximum temperature of 16.8 °C was recorded at Chivenor (Devon) on the 2nd. A minimum temperature of -6.9 °C was recorded at Bewcastle (Cumbria) on the 30th. In the 24 hours ending at 0900 GMT on the 7th, 130.8 mm of rain fell at Alltdearg House, near Sligachan (Isle of Skye). A wind gust of 73 knots (84 mph) was recorded at Capel Curig (Gwynedd) on the 22nd. A snow depth of 15 cm was recorded at Leadhills (Lanarkshire) on the 26th.

A satellite image of the UK on 29 November 2017 with a northerly airflow bringing wintry showers to the north and east. Lying snow covers upland areas of the central and northern Highlands, and the highest hills of the Southern Uplands. A line of intense convective showers runs from the North Channel south through the Irish Sea to Pembrokeshire and Cornwall (sometimes called a 'Pembrokeshire Dangler'). Image copyright Met Office / NOAA / NASA



Rain-radar image at 1130GMT on 29 November 2017 showing the run of showers through the Irish Sea and further showers down North Sea coasts.



Weather impacts

On the 1st, rain led to restrictions to high-sided vehicles on some bridges, with flooding reported on the A83. There was localised surface water flooding in Wolverhampton on the 7th due to some large short-period rainfall totals, but in general the weather was very quiet over the next two weeks.

Flooding and a landslip closed the railway line between Inverness and Wick on the 21st. On the 22nd and 23rd some rail services were disrupted in Devon and Cornwall due to fallen trees, and flights between Newquay and the Isles of Scilly were cancelled due to strong cross-winds. Flooding in parts of Pembrokeshire caused some travel delays. Around 50 properties were flooded in Galgate and Lancaster and the Blackpool area; there were travel delays and congestion on the roads with part of the A6 closed due to flooding. A number of A roads in

Cumbria were closed due to flooding, with delays on the M6 and M55 also due to flooding. 22 schools closed due to flooding in their local area.

On the 25th and 26th, roads were icy in parts of North Wales due to rain, hail and sleet showers, particularly the A55. Icy rails caused delays to some South Western Railway services, with trains between Guildford and Havant cancelled. Icy stretches on some roads in the south-west of England resulted in some accidents, with an overturned car on the A30 being reported. Some flooding occurred on roads and railways in parts of Wales due to overnight rain on the 26th/27th: the Cambrian rail line to Aberystwyth was closed for several hours with some A roads closing due to flooding.

On the 28th, across North Yorkshire, snow and ice caused travel disruption, with parts of the A170, A171 and A169 closed at one point. In Glencoe, it was the first official day of the new ski season with skiers flocking to the slopes. Nineteen schools across Aberdeenshire were closed on the 29th due to the weather while others were partly closed. There were reports of a four-mile tailback on the A96 near Inverurie, with incidents causing widespread travel chaos during the day for commuters. On the 30th, driving conditions were hazardous in Durham with the A66 affected by snow and ice. Schools in Yorkshire and Aberdeenshire were closed, and there were rush-hour travel delays in Scotland due to the snow.

England diary of highlights

November started off relatively quiet, but most of the month had a mobile westerly type interspersed with some short-lived northerlies. Fronts crossed the country at frequent intervals but many areas also had plenty of dry sunny weather in between. It was briefly very mild from the 20th to 22nd, and also very wet in the north-west, then turned colder in the last week with widespread (but not especially severe) frosts, and sleet and snow showers fell widely in eastern counties on the 30th.

The mean temperature for November was 0.2 °C below the 1981-2010 long-term average, due to low night-time minima. Rainfall was generally below normal in the south and near normal in the north, with England as a whole having 77% of the average. Most regions had a sunny month with 130% of average sunshine overall.

1st to 7th

Morning fog west of London on the 1st cleared; rain persisted over the north and along the east coast, but it was dry and bright elsewhere. Fog cleared slowly in central southern parts on the 2nd, leaving a generally bright or sunny day for the north and south, albeit cloudier in central areas, with light showers along the east coast, and it remained mild in the south with a high of 16.8 °C at Chivenor (Devon). Patchy fog in the south at first on the 3rd, some sunshine in the south-east, otherwise mainly cloudy with some rain in places. It was cloudy in the south-east on the 4th, with rain, occasionally heavy, clearing through in the afternoon; bright or sunny elsewhere, with scattered showers mainly in the west. Bright or sunny on the 5th, with scattered showers in the north-west, Midlands and south-west, and also North Sea coasts, tending to die out by dusk. Mostly dry, bright or sunny on the 6th, with 8.4 hours of sunshine at Camborne (Cornwall), but patchy rain and drizzle affected far western coasts during the afternoon. Early frost in places on the 7th, but rain over the west moved slowly eastwards and reached the east in the evening.

8th to 17th

Cloudy with rain over the south-east on the 8th, sunny elsewhere after a frosty start, but cloud increased from the west with rain into the far north late in the day. Frosty start in many places on the 9th, with patchy rain across most parts clearing away southwards by evening. Generally bright or sunny on the 10th with scattered showers, particularly over the north-west. Dull and wet with patchy fog over the south on the 11th, drier and brighter elsewhere. It was mostly sunny on the 12th, showery in the south and west at first, and also North Sea coasts throughout the day, with hail locally. Bright or sunny on the 13th, cloudy in the north where showery rain extended south into the Midlands, and there were also showers along North Sea coasts, mostly dying out by dusk. Mostly cloudy on the 14th, some brightness in the north-east, some patchy rain in the north and

south, otherwise mainly dry. After a frosty start in the north on the 15th, it was mainly cloudy with isolated patchy rain, and rain developed over the south-west during the afternoon. Rain in the north on the 16th, heavy at first, moved south-eastwards during the day, reaching the south late afternoon; turning bright or sunny where rain cleared. Frosty start for most areas on the 17th, bright/sunny and mainly dry, but with scattered showers in the north-west.

18th to 24th

Showers persisted over the north on the 18th; dry elsewhere before rain spread into central, southern and south-eastern counties from late morning. Mild with patchy rain and drizzle in the south and west on the 19th, sunny but colder after a widespread frost in the north and east. It was cloudy and mild with patchy rain/drizzle falling almost everywhere on the 20th, the rain heavy for a time in the north. Rain and fog over the north on the 21st cleared by lunchtime, then it turned wet through central areas during the afternoon. Sunny in the south-east on the 22nd, but heavy rain persisted all day over the north where Hazelrigg (Lancashire) recorded 73.6 mm; also turning wet in the south-west during the afternoon, and windy in the south where Needles (Isle of Wight) recorded a gust of 79 mph. Showers in the north on the 23rd, and showery too in the south-west later; elsewhere brighter, and mainly dry in the south and east. Mostly dry and sunny on the 24th, showers or patchy rain in the south-west and southern coasts, and wintry/thunderly showers in the north-west later with snow over higher ground.

25th to 30th

A frosty start on the 25th; showers of hail, sleet and snow in the north-west with 4 cm of lying snow at Leek (Staffordshire), rain showers in the south-west, while southern and eastern areas remained mostly dry and sunny. Blustery wintry showers affected the north-west on the 26th, mostly dry and sunny elsewhere, though with showers in the south-west. The 27th was wet for most regions; a large band of rain affected the south coast in the morning while scattered showers developed in most regions, particularly the north-west. Some areas began frosty on the 28th, but the south-west saw some rain; northerly winds dragged cold Arctic air over the country accompanied by scattered showers in the east. Frosty in rural areas at first on the 29th; wintry showers affected eastern counties, especially around coasts, with rain showers in the far south-west, otherwise mainly dry and sunny. The 30th had a cold start with a minimum of -6.9 °C at Bewcastle (Cumbria); showers of rain, sleet and snow, accompanied locally by thunder, affected many eastern areas with snow settling even on lower ground in the north-east, while the west remained mainly fine but cold.

Wales diary of highlights

Much of November had a changeable westerly type interspersed with some short-lived northerlies. It was briefly very mild from the 20th to 22nd, and very wet in some areas. The last week was generally colder with some widespread overnight frosts.

The mean temperature for November was equal to the 1981-2010 average. Averaged nationally, rainfall was 90% of average and sunshine was 101% of average, but it was a dry sunny month in the south-east and a cloudy wet month over much of the west.

1st to 6th

Generally dry and bright on the 1st. Fog and frost in places early on the 2nd, bright in the south, cloudy elsewhere with patchy light rain or showers. Mainly cloudy on the 3rd, isolated early fog in the south, some patchy rain affected the north around midday and the far south-west later. Bright or sunny on the 4th, with scattered showers which became more isolated during the afternoon. Mainly bright or sunny on the 5th, with frequent showers, but these died out by dusk. Bright/sunny start on the 6th, but patchy rain and drizzle moved across southern and western areas during the afternoon.

7th to 12th

Rain on the 7th cleared eastwards by dusk with showers following behind. A widespread frost on the 8th was followed by a generally sunny day, but rain reached Anglesey by dusk. Generally cloudy on the 9th with patchy rain or drizzle, which cleared away southwards. Bright or sunny on the 10th with isolated showers. It was wet for most on the 11th, drying up for a time in the afternoon before turning wet again after dark. There were frequent showers early on the 12th, becoming bright/sunny with isolated showers in the far west.

13th to 18th

Frosty start on the 13th, mostly cloudy, though some early sunshine in the south; some rain developed during the afternoon, mainly in the north. Cloudy on the 14th, scattered outbreaks of rain in the south and west mostly dying out later in the afternoon. Mostly cloudy on the 15th, with patchy rain, which became more widespread in the south later. The 16th started wet, the rain clearing during the afternoon, then it became sunny especially in the north and west. Starting frosty in places on the 17th; a mostly fine day but sunshine seen only in the south-east. Persistent rain for most on the 18th, although it was dry but cloudy in the north.

19th to 23rd

Frosty in central parts early on the 19th then bright or sunny, but patchy rain reached the south-west after dark. Cloudy with bands of rain on the 20th, heaviest in the south, and generally very mild. Cloudy, mild and damp on the 21st, and becoming very wet everywhere during the afternoon. There was further heavy, persistent rain on the 22nd, particularly over the north, but it was mild with 16.5 °C at Hawarden (Clwyd), and breezy with Capel Curig(Gwynedd) recording a gust of 84mph and 61 mm of rainfall. Scattered showers on the 23rd, mostly dying out later; mostly cloudy, but some sunshine in the south and east.

24th to 30th

Starting frosty on the 24th; mostly sunny, with scattered showers in the north, turning wintry over higher ground late in the afternoon. Frosty start in places on the 25th, bright with scattered wintry showers, giving snow on higher ground. Mainly cloudy and breezy on the 26th with scattered showers, then rain moved into the west later. Wet and windy throughout the day on the 27th, most regions seeing showers in the morning and a large and slow-moving area of rain in the afternoon, with wind gusts in excess of 40 mph. There was a frosty start inland and on the hills on the 28th, with showers affecting the west throughout the day but the east remaining dry. Frosty start on the 29th; staying chilly, and mostly bright or sunny, but wintry showers affected far western areas. After a cold start on the 30th, temperatures down to -4.3 °C at Sennybridge (Powys), far western areas saw some showers but most areas were dry although mainly cloudy.

Scotland diary of highlights

November was a generally mobile month with a changeable westerly type interspersed with some short-lived northerlies which brought widespread but not particularly severe frosts. It turned generally cold during the last week with some wintry showers, and snow lay near sea level in some eastern coastal parts on the 30th.

The mean temperature for November was 0.9 °C below the 1981-2010 average. Rainfall was generally below normal in the south but above normal in the north, with 99% of average for Scotland as a whole. Most regions had a sunny month with 122% of average overall, but it was cloudier than average in some parts of the north.

1st to 9th

Dry in central parts on the 1st, persistent rain or drizzle elsewhere but mild with a maximum of 16.2 °C at Aboyne (Aberdeenshire). Fine and sunny for most on the 2nd, although cloudier in the north with a few showers along the east coast. There was a frosty and sunny start in the north-east on the 3rd, otherwise mostly cloudy, with patchy rain/drizzle in central and far northern regions. The 4th was a bright day with some showers, isolated away from the west. The 5th was mainly sunny, scattered showers in the north and north-east mostly dying out during the afternoon. Mostly cloudy on the 6th after a cold start with the temperature at

Braemar (Aberdeenshire) falling to -6.0 °C; bright in the east, rain in the north-west, and patchy, occasionally heavy, rain and drizzle in the south. Rain over the east on the 7th cleared away by early afternoon, with isolated showers over the west coast. Widespread frost on the 8th, then sunny for a time before rain over the west spread to all parts by mid-afternoon. Frosty start to the 9th across the east, then generally bright with showers in the far north.

10th to 18th

Sunshine with widespread on the 10th, but with blustery and occasionally wintry showers. There was a frosty start in a few places on the 11th, which was generally sunny but with showers around the north and west coasts. Frosty start in some rural parts on the 12th; bright or sunny, especially in the south, with wintry showers in the north and north-east. The 13th started with a widespread frost, but became cloudy with bands of rain moving across during the day; drier in the south-west but with some light snow/sleet flurries for a time. Mostly cloudy and dry on the 14th, some brightness in the east, isolated showers in the west. There was another frosty start in some rural areas on the 15th; mostly cloudy, but brighter in the north-east, with showers mainly in the west and north. It was mostly sunny on the 16th, with scattered showers, mainly in the north and west. After a frosty start in some rural parts on the 17th, any brightness was restricted to the east, with scattered showers elsewhere. Sunshine and showers on the 18th, the showers mostly over the north and south-west.

19th to 23rd

After a widespread frost to start the 19th, cloud increased from the west with patchy rain reaching the west in the afternoon. Wet and mild everywhere on the 20th, the rain clearing southwards by early afternoon, followed by damp and drizzly weather. Fog persisted over the east and south on the 21st, and it was wet everywhere. Rain in the south on the 22nd spread north and east during the day, but the far north and west stayed dry. Rain, sleet and snow in the north-east on the morning of the 23rd, then sunshine and scattered wintry showers, the showers especially in the north and west, giving 6 cm of lying snow at Cromdale (Morayshire).

24th to 30th

After a fairly widespread frost early on the 24th, there were further scattered wintry showers, with snow on higher ground, but brighter spells in the east where it remained mostly dry. The 25th started frosty in rural areas, and was mainly cloudy, with scattered wintry showers mainly in the north and west giving snow on higher ground. It was cool and breezy on the 26th, with some sunshine in the east, and there were isolated showers, wintry over higher ground, with more general rain moving into the west late afternoon. Low pressure moved eastwards and brought cold and showery conditions for most regions through the 27th, but the south-east remained relatively dry. Most regions saw a ground frost on the morning of the 28th, and northerly winds brought cool air, with scattered showers mostly affecting eastern and north-western regions with snow on high ground. A frosty start in rural areas on the 29th; a cold, mainly dry day with sunshine in the south, scattered sleet and snow showers in the north and north-east. The 30th was mainly dry and bright for most although eastern, especially coastal, areas saw showers of rain, sleet and snow and Fettercairn (Kincardineshire) recorded 10 cm of lying snow.

Northern Ireland diary of highlights

November was a generally mobile month with a predominantly westerly regime interspersed with some short-lived northerlies. It turned generally cold during the last week with wintry showers, albeit with lying snow mostly confined to high ground, and some overnight frosts.

The mean temperature for November was 0.7 °C below the long-term average. Rainfall was exactly 100% of average overall, with totals below average in the south-east and near average elsewhere. Sunshine was 109% of average, and it was a sunny month in the east, but cloudier than average over many western parts.

1st to 7th

It was wet over the north and east on the 1st, turning drier and brighter into the afternoon, and mild with Murlough and Killowen (County Down) recording 15.8 °C. It was cloudy with patchy rain and drizzle on the 2nd. It was also cloudy on the 3rd, with isolated rain/drizzle, especially in the west. The 4th was a bright day, scattered showers in the west becoming more widespread during the afternoon. Sunshine and showers on the 5th, but the showers faded during the afternoon. It was cloudy on the 6th, with patchy rain/drizzle at first, and heavier rain spread from the west during the afternoon. Sunshine and some coastal showers on the 7th.

8th to 18th

The 8th started frosty in some places and turned wet everywhere by midday, drying up during the afternoon. Frosty in places on the 9th, followed by a generally cloudy but dry day. Sunshine and showers on the 10th, but turning wet everywhere after dark. Cloudy with some coastal showers on the 11th. The 12th was a bright and breezy day, with scattered showers, these mostly dying out during the afternoon, and Orlock Head (County Down) recorded a gust of 59 mph. The 13th was cloudy after a frosty start with patchy rain which spread south-east during the morning, mostly clearing by dusk. Cloudy on the 14th, with patchy rain and/or drizzle, mostly dying out by late afternoon. The 15th was mostly cloudy and dry. Mainly sunny on the 16th, with isolated afternoon showers. There was a frosty start in rural parts on the 17th, which was mainly cloudy with patchy rain and drizzle at first and isolated showers in the afternoon. Generally cloudy on the 18th but brighter with showers in the east.

19th to 23rd

Frosty in places on the 19th but then generally cloudy with rain reaching the west after dark. Very mild and cloudy with patchy rain on the 20th, turning very wet by evening. Morning fog in places on the 21st cleared to leave a mild and cloudy day with patchy rain. Very wet on the 22nd, drying up somewhat into the afternoon, but more rain reached the Province after dark. Cool with scattered showers on the 23rd; mainly cloudy, but with some brightness in the east.

24th to 30th

After a cold start on the 24th, when Katesbridge (County Down) recorded -4.9 °C, scattered wintry showers developed mostly in the west, with some brighter spells further east. Sunshine and scattered wintry showers on the 25th, the showers mostly in the north and west, and snow on higher ground with 3 cm of lying snow recorded at Lough Navar (County Fermanagh). Cloudy on the 26th, cool and breezy with isolated showers, and rain arrived from the west late on. It was showery and windy for all regions throughout the day on the 27th with gusts exceeding 40 mph. A cool start with ground frost on the morning of the 28th, with scattered showers affecting central and western regions, while the east coast remained dry. Feeling cold on the 29th, mainly bright or sunny with isolated showers, the showers wintry over high ground. It remained cold on the 30th with isolated showers.

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